

Commonwealth of Kentucky
Division for Air Quality

PERMIT APPLICATION SUMMARY FORM

Completed by: Andrew True

GENERAL INFORMATION:

Name:	Goodrich Corporation and PolyOne Corporation
Address:	2468 Industrial Pkwy, Calvert City, KY 42029
Date application received:	5/09/2008
SIC Code/SIC description:	4959, Sanitary Services, NEC
Source ID:	21-157-00004
Source A.I. #:	2919
Activity ID:	APE20080002
Permit:	F-07-021 R1

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input checked="" type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input checked="" type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)
VOC	0.20	13.62
Single HAPs – 1,2 dichloroethane	0	6.11
Source wide HAPs	0	13.37

SOURCE DESCRIPTION:

On June 9, 2008 the Division received an application to add PolyOne as a co-owner / co-permittee of the remaining Goodrich Properties at the former BF Goodrich Industrial Complex in Calvert City Kentucky. The request also included notification of several new insignificant activities. The requested changes were processed and included in permit F-07-021 R1.

The property, now co-owned by Goodrich Corporation and PolyOne Corporation, is a Superfund site. There are no process units associated with the site, only equipment related to the remediation activities. Goodrich Corporation and PolyOne Corporation are responsible for the Superfund remediation activities and associated emissions.

There is a groundwater treatment system for the remediation at the Superfund site and in conjunction with a Resource Conservation and Recovery Act (RCRA) Part B permit. The Superfund soil vapor extraction system consists of extraction wells, a knockout pot, carbon beds, and a vacuum pump. A steam stripper removes the organics from the extracted groundwater. A regenerable carbon vapor adsorption unit collects the vent organics and recycles them back to the process. Alternate controls for the vent organics are Westlake Vinyls Inc. (Westlake) Oxy and Primary Incinerators (Westlake's emission points 453 and 530). The system will also treat organic vapors from a vapor extraction system at the Superfund site.

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The source has elected to accept the following limits in order to preclude applicability of 401 KAR 52:020, Title V Permits: source-wide Volatile organic compounds (VOC) emissions shall not exceed 90 tons per year; single hazardous air pollutants (HAP) emissions shall not exceed 9 tons per year; and combined HAP emissions shall not exceed 22.5 tons per year. In order to comply with the source-wide limitations, the facility shall vent emissions to a control device from EP 048, EP 081, and EP 082 at all times these emission points are in operation. The aforementioned limits also preclude applicability of 401 KAR 51:017, Prevention of Significant Deterioration of the Air Quality (PSD).

OPERATIONAL FLEXIBILITY:

Not Applicable